

Table 2: Seismological Observations

Date Location	#	Type	Mo ^{inst}				Po ^{inst}				References	Notes
			Mo ^{BODY} 10 ²⁶ dyn-cm	Mo ^{LONG-PEROD} 10 ²⁶ dyn-cm	Mo ^{GEODETTIC} 10 ²⁶ dyn-cm	Range 10 ²⁶ dyn-cm	Po ^{BODY} 10 ¹⁵ cm ³	Po ^{LONG PEROD} 10 ¹⁵ cm ³	Po ^{GEODETTIC} 10 ¹⁵ cm ³	Range 10 ¹⁵ cm ³		
1915-Oct-2 Pleasant Val, NV	5	n/60	2.7±0.6 (3.3)			2.7±0.6	.82			.82	27	be
1930-Nov-2 Kita-Izu, JPN	6	ssl			2.7(3.3)	-			.82	.82	56	bak
1940-May-19 Imperial, CA	8	ssr	2.3 (3.3) 3.0 (3*) 4.4 (3.3)	4.8 (3.3)	8.4 (3.3*)	5.3 ±3.1	.696 1.0 1.3	1.45	2.5 5	1.62 ±.92	42	bh
1943-Sep-10 Tottori, JPN	11	ssl	3.6 (3.35)			3.6	1.08			1.08	40	bk
1945-Jan-31 Mikawa, JPN	13	r	1(3) 1(2.5)		0.87(3)	0.94 ±.065	.33 .40		.29	.35±.05	41	bm
1959-Aug-18 Hebgen Lake, MT	14	n/500	10(3.3)	15(3)	13(3.23)	12.5±2.5	3.0	5.0	4.0	4.0 ±1.0	31	bs
1954-Dec-16 Fairview Peak, NV	15	nssr/6 0	5.5(3)		4.6(3.0)	5.05 ±0.45	1.83		1.53	1.68 ±.15	35	br
1954-Dec-16 Dixie Valley, NV	16	n/60	1.0(3.3)		2.2(3.0)	1.6±0.6	0.30		0.73	0.52 ±0.22	36	bt
1967-Jul-22 Mudurnu, TUR	17	ssr	8.8(3.3) 11 (2.4) 15(3*)	7.5(3*)		11.25 ±3.75	2.67 4.58 5.0	2.5		3.75 ±1.25	39	bu
1968-Apr-8 Borrego Mtn, CA	18	ssr	.9(3) 1.1(3.4) 0.7(3.3) 1.2(3.8)	1.1(3*)		0.95 ±0.25	.3 .32 .21 .315	.37		.29 ±.08	28	bv
1971-2-09 San Fernando, CA	19	r/45	1.3(3*) 0.9(3.5) 1.7(3.3)	1.9(3*)		1.4 ±0.5	0.43 0.23 0.52	0.63		0.38± 0.15	59	bam
1979-Jun-02 Cadoux, AUS	20	r/35	.15(3.2)	0.175(4.4)		.163 ±.013,	.046	.040		.043 ±.0035	45	bx
1979-Oct-15 Imperial, CA	21	ssr	0.5(2.5) 0.5(2.5)	0.7(3*) .72(2.7)		0.61 ±0.11	.20, .20	.233 .267		.233 ±.033	30	bw
1980-10-10	22	r/50	2.5(3)			2.5				0.83	60	ban

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1981-Jul-29 Sirch, IRAN	23	ss/54	3.7(3.3*)	9.0(4.4)		6.35 ±2.65	1.12	2.05		1.58 ±.046	50	bah
1983-Oct-28 Borah Peak, ID	24	n/60	2.1(3.3) 2.3(2.5)	3.5(3*), 3.1(2.7)	2.6(3.2) 2.9(3.2)	2.8 ±0.7	.64 .92	1.2 1.1	.81 .91	.90 ±.27	29	by
1986-Mar-3 Marryat, AUS	25	r/35	.06(3.2)			.06	.019			.019	45	bz
1987-Nov-23 Superstition Hills, CA.	26	ssr	0.5(3.3) 0.8(1.8) 0.2(2.3)	1.0(3*) 0.7(4.4)	0.9(2.8)	0.6±.4	.15 .44 .09	.33 .16	.32	.266 ±.18	33	baa
1987-Mar-2 Edgumbe, NZ	27	n/60	0.4(3.5) 0.7(3.6)	0.9(3.6) 0.6(4.4)		0.65 ±0.25	.11 .19	.25 .14		.182 ±.067	34	bai
1988-Jan-22 Tennant Creek, AUS	28	r/45	1.6(3.3)	1.5(4.4)		1.55 ±.05	.48	.35		.41 ±.07	44	bab
1990-Jul-16 Luzon, PHL	29	ssl	36(4.0)	39(7.3) 41(4.4)		38.5 ±2.5	9.0, 5.3	9.3		7.3± 2.0	32	baj
1992-Jun-28 Landers, CA	30	ssr	7(3*) 7.5(3)	8(3*) 10.6(4.4)	9(3.0) 10(3*)	8.8 ±1.8	2.3 2.5	2.7 2.4	3.0 3.3	2.8± 0.5	25	bac
1998-Mar-14 Fandoqa, IRN	31	ssn	0.9 (3.3)	0.95 (4.4)	1.2(3.4)	1.05 ±0.15	.28	.22	.35	.284 ±.07	50	bag
1999-Sep-20 Chi-Chi, Taiwan	32	r/70	29(2.1) 41(3.0)	34(4.4)	27(3)	34±7	13.8 13.7	7.7	9.0	10.8± 3.0	26	bad
1999-Oct-16 Hector Mine,CA	33	ssr	6.2(3*)	6.0(4.4)	6.8(3*) 5.9(3*) 7.0(3.)	6.45±0 .55	2.1	1.4	2.3 2.0 2.3	1.8± 0.45	58	bal
1999-Aug-17 Izmet, TUR	34	ssr	22(3.3) 15(3.5)	28.8(4.4)	24(3.3) 18(3.3) 26(3.4)	21.9 ±6.9	6.7 4.3	6.6	7.3 5.4 7.7	5.97 ±1.7	38	bae
1999-Nov-12 Duzce, TUR	35	ssr	5.0(3*)	6.7H(4.4)	5.4(3.0)	5.4 ±1.3	1.67	1.52	1.8 0	1.66 ±.14	37	baf
2002-Nov-14 Kunlun, China	36	ssl	46(3) 50(3.0)	59(4.4)	71(3 *)	58.5 ±12.5	15.3, 16.7	13.4	23. 6	18.5 ±5.1	55	bai
2002-Nov-03 Denali, AK	37	ssr	68(3.3) 38(3*) 49(3*) 56(3)	75(2.6)		56.5 ±18.5	20.1 12.7 16.3 18.7	28.8		20.7 ±8.1	54	baj

Notes: See **electronic supplement** for notes and references bearing on assignment of rigidity.
References: See Table 3.